

INTERNATIONAL SEARCH REPORT

International Application No
1/GB2004/003134

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D21C5/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 D21C D21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | US 6 251 221 B1 (BURKART LEONARD) 26 June 2001 (2001-06-26) claims 1-6; examples 1,2 | 1,10,13 |
| X | EP 0 671 504 A (SCHWEITZER JACOB ; VODERMAIR HERMANN (DE); SCHIMMER WOTTRICH RENATE (D) 13 September 1995 (1995-09-13) page 1, paragraph 1; claims 1-6 | 1-3,10, 13 |
| A | US 4 188 259 A (MAMERS HEIKKI ET AL) 12 February 1980 (1980-02-12) the whole document | 1-22 |
| A | US 4 826 566 A (BURKART LEONARD F) 2 May 1989 (1989-05-02) the whole document | 1-22 |
| -/-- | | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

15 October 2004

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INTERNATIONAL SEARCH REPORT

national Application No

T/GB2004/003134

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | GB 2 265 915 A (WOODFORM DESIGN LIMITED) 13 October 1993 (1993-10-13) the whole document ----- | 1-22 |
| A | GB 1 432 650 A (LITTLE INC A) 22 April 1976 (1976-04-22) the whole document ----- | 1-22 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

T/GB2004/003134

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|--|
| US 6251221 | B1 | 26-06-2001 | US 5859236 A 12-01-1999 CA 2247949 A1 04-09-1997 WO 9732075 A1 04-09-1997 |
| EP 0671504 | A | 13-09-1995 | DE 4404322 A1 17-08-1995 AT 156541 T 15-08-1997 CA 2142222 A1 12-08-1995 DE 59500454 D1 11-09-1997 DK 671504 T3 02-03-1998 EP 0671504 A1 13-09-1995 FI 950589 A 12-08-1995 NO 950510 A 14-08-1995 US 5707579 A 13-01-1998 |
| US 4188259 | A | 12-02-1980 | AU 515345 B2 02-04-1981 AU 3042677 A 17-05-1979 CA 1099858 A1 28-04-1981 DE 2750600 A1 24-05-1978 JP 53061703 A 02-06-1978 JP 62031111 B 07-07-1987 |
| US 4826566 | A | 02-05-1989 | NONE |
| GB 2265915 | A | 13-10-1993 | GB 2265914 A 13-10-1993 AU 3898193 A 08-11-1993 AU 3899593 A 08-11-1993 WO 9319910 A1 14-10-1993 WO 9319911 A1 14-10-1993 |
| GB 1432650 | A | 22-04-1976 | CA 1018104 A1 27-09-1977 DE 2348146 A1 04-04-1974 ES 418659 A1 16-02-1976 FI 54819 B 30-11-1978 FR 2200401 A1 19-04-1974 IT 995480 B 10-11-1975 JP 871063 C 20-07-1977 JP 49069903 A 06-07-1974 JP 51046843 B 11-12-1976 SE 401695 B 22-05-1978 SE 7312747 A 26-03-1974 US 3884750 A 20-05-1975 |